

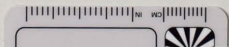
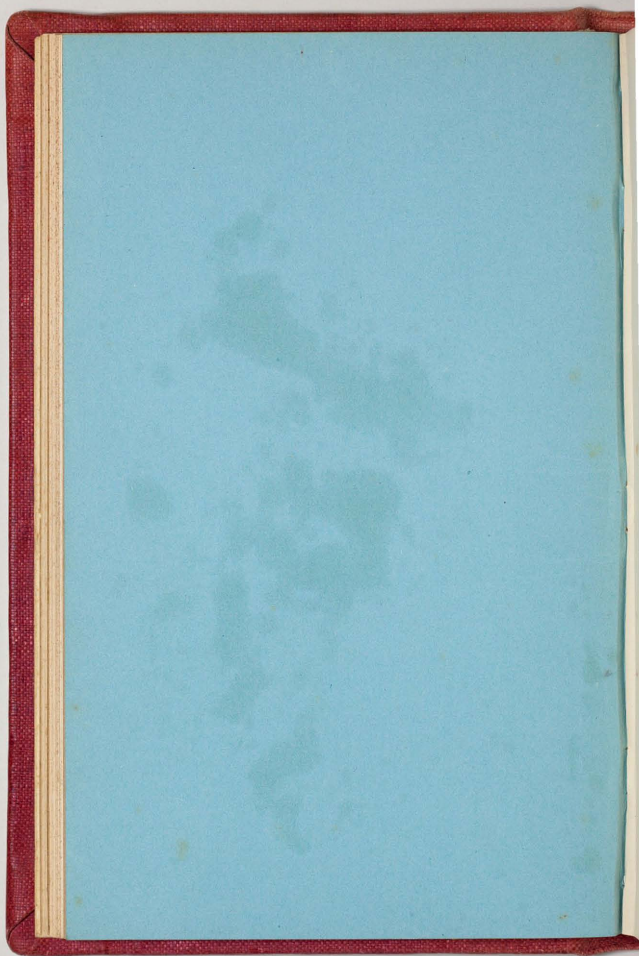
AIM Ann Report
1911 to 1912

ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
FOR
1911-1912.

ADOPTED AT THE ANNUAL MEETING
HELD FEBRUARY 26TH, 1912.

AUCKLAND:
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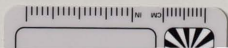
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OFFICERS
OF THE
AUCKLAND INSTITUTE

President:

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Assistant and Preparator of Specimens:

L. T. GRIFFIN, F.Z.S.

Auditor:

S. GRAY.

AIM Ann Report 1911 to 1912

The following Periodicals and Publications of Societies

are subscribed to by the Institute:

NATURE.
THE PHILOSOPHICAL MAGAZINE.
THE AMERICAN JOURNAL OF SCIENCE.
AMERICAN CHEMICAL JOURNAL.
THE ELECTRICIAN.
THE PHYSICAL REVIEW.
ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE.
ANNALEN DER PHYSIK.
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES.
ANNALS AND MAGAZINE OF NATURAL HISTORY.
QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.
ANNALS OF BOTANY.
THE BOTANICAL GAZETTE.
ENGLER'S BOTANICAL YEAR BOOK.
THE GARDENER'S CHRONICLE.
JOURNAL OF AGRICULTURAL SCIENCE.
THE GEOLOGICAL MAGAZINE.
ZEITSCHRIFT DER DEUTSCHEN GEOLOGISCHEN GESELLSCHAFT.
SCIENCE PROGRESS.
THE ECONOMIC JOURNAL.
THE LANCET.
MIND.

TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY.
THE ZOOLOGICAL RECORD.
PUBLICATIONS OF THE RAY SOCIETY.
JOURNAL OF THE CHEMICAL SOCIETY.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.
JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY.
THE GEOGRAPHICAL JOURNAL.
REPORT OF THE BRITISH ASSOCIATION.

Report of the Council.

IN conformity with the Rules of the Society, the Council have now to submit to the members their Forty-fourth Annual Report on the financial and general condition of the Institute, and its progress during the past year.

MEMBERS.—In several previous reports the Council have drawn attention to the slow growth of the membership. With the view of making a change in this respect, a circular has been prepared and distributed, in which the aims and objects of the Institute and its claims to public support are fully set forth. It is satisfactory to state that this action has led to a considerable influx of new members, the elections during the year numbering 48. On the other hand, fourteen names have been removed from the roll—four from death, eight from resignation, and two from non-payment of subscriptions for more than two consecutive years. The total number of members on the roll at the present time is 235, of whom 12 are life members, and 223 annual subscribers. Among the members removed by death, the Council regret to mention the names of Mr. J. Kirker, who for several years served as a member of the Council, and who was always an active and liberal supporter of the Institute; of Mr. W. Gorrie, who acted as Auditor from 1893 to the close of 1910; and of Mr. D. L. Murdoch and Mr. T. Ching, both members of old standing. It is hoped that the increase in the number of members will be maintained during the coming year, and will continue to keep pace with the advancing prosperity of the city.

FINANCE.—Full particulars respecting the financial position of the Institute will be found in the Balance Sheet appended to this Report. The total revenue of the Working Account, including the balance in hand at the commencement of the year, has been £1,273 5s. 10d. This is slightly more than £100 in excess of the income for the previous year, which was £1,170 11s. Examining the separate items, it will be seen that the Museum Endowment has yielded in rents and interest on investments the sum of £527 12s. 3d., against £424 15s. 2d. for 1910-1911, the difference being mainly due to the increased receipts from certain mining leases at Waikanae. The revenue from the invested funds of the Costley Bequest has been £392 7s. 6d., as against £402 18s. 8d. for the previous year. The

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increase in the number of members has naturally led to a corresponding advance in the amount received for annual subscriptions, which stand at £208 19s., against £191 2s. for 1910-1911. The total expenditure has been £1,197 14s., leaving a cash balance of £219 13s. 8d. in the Bank of New Zealand. Some impending payments will largely reduce this amount during the next few weeks. The special fund subscribed by the citizens of Auckland for the purchase of historic Maori carvings and other objects will be alluded to in another portion of the Report. The Council have no changes to report respecting the invested funds of the Institute, the total amount of which (£16,368 14s. 3d.) is the same as that announced last year.

MEETINGS.—In last year's Report it was stated that it had been found necessary to engage St. Andrew's Hall, Symonds Street, for holding the meetings of the Institute. This arrangement has been continued during the year, and on the whole has proved satisfactory, both from the point of view of the suitability of the hall and the attendance of members and others. At the same time, the Council are still of opinion that it is much to be regretted that the meetings cannot be held within the Institute's own buildings, and they trust that this end may be achieved at no very distant date. In all six meetings have been held, at which the following lectures and papers were read and discussed:—

1. Presidential Address: Free Public Libraries and Museums.—By J. H. UPTON.
2. Sources of Plague in Auckland and its Prevention.—By R. H. MAKGILL, M.D.
3. Heredity.—By PROF. A. P. W. THOMAS, M.A.
4. Whirling Discs and their Uses.—By PROF. F. D. BROWN, M.A.
5. The Canterbury Plains and Banks' Peninsula.—By E. K. MULGAN, M.A.
6. Description of New Native Species of Phanerogams.—By D. PETRIE, PH.D.
7. On *Danthonia nuda* and *Triodia Thomsoni*.—By D. PETRIE, PH.D.
8. New Genera and Species of Coleoptera.—By MAJOR T. BROWN, F.E.S.
9. On a New Genus and some New Species of Plants.—By T. F. CHEESEMAN, F.L.S.

10. List of Lichens and Fungi collected in the Kermadec Islands in 1906.—By W. R. B. OLIVER.
11. The Geographic Relationship of the Birds of the Lord Howe, Norfolk, and Kermadec Islands.—By W. R. B. OLIVER.

Most of the above papers have been forwarded to Wellington for insertion in the forthcoming volume of Transactions. Volume 43 of the Transactions, containing the papers contributed by the various incorporated Societies during the session of 1910, has been issued during the year and distributed among the members. In this place attention may also be drawn to the publication by the Board of Governors of the Institute of a classified index to Volumes 1-40 of the Transactions. Copies of this can be obtained at a moderate price on application to the Secretary. Those members who have frequent occasion to use the Transactions will find the index to be a most useful publication.

MUSEUM.—With the exception of the ten days devoted to the usual annual cleaning and re-arrangement, the Museum has been open to the public daily throughout the year. The hours of admission have been the same as in many previous years—from 10 a.m. to 5 p.m. on week days, and from 2 to 5 p.m. on Sundays. The attendance of visitors continues to be satisfactory. The register kept by the attendant on Sundays shows that 17,397 visitors entered the Museum on that day, being an average of 334 for each Sunday. The greatest attendance was 506 on April 16, and the smallest 84 on November 12. On the seven chief holidays of the year the total attendance was 3,552, being an average of 507 for each day. On ordinary week days the visitors can only be occasionally counted, but the daily average is believed to be not less than 190, which would make a total of 58,140. Adding to this number the figures for Sundays and holidays, we have 79,089 as the total number of visitors for the year. This shows an increase of 3,705 on the figures for the previous year, which were estimated at 75,384.

The year has been one of considerable activity in the Museum, and the progress made must be regarded as satisfactory. Numerous additions have been made to the collections, as will be seen from the appended lists, and several of them are of more than ordinary importance. Those selected for exhibition have been carefully and artistically mounted by Mr. Griffin, and have added much to the attractiveness of the institution. Few people are aware of the amount of patient care and labour required for the mounting of Museum specimens, or of the extent and varied character of such

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work. It may be interesting to state that during the year Mr. Griffin has mounted 4 mammals and 56 birds, 26 fishes, 21 lizards and other reptilia, and 18 Crustacea. In addition to the above, a considerable number of skins have been prepared as cabinet specimens, alcoholic specimens have been mounted in jars, some skeletons prepared, mounted specimens of old date have been cleaned and renovated, and several casts have been taken in gelatine or plaster, while many specimens have been mounted for exhibition in the Maori Hall.

The most noteworthy additions to the zoological department of the Museum are as follows:—A series of 103 bird skins from the Kermadec Islands purchased from Mr. Roy Bell. This includes representatives of almost the whole of the numerous petrels and other oceanic birds which frequent the Kermadec Group, and must be regarded as a very important addition to the Museum. A small collection of bird skins from the Chatham Islands has also been purchased from Mr. Dannefaerd, containing several species (as, for instance, *Sphenacus rufescens*) now almost, if not altogether, extinct. Special mention should be made of a fine specimen of a male ostrich in full plumage, presented by the Helvetia Ostrich Company. Thanks are due to Mr. Hallyburton Johnstone for his kindness in specially collecting several New Zealand birds required to fill up blanks in the collections or to replace worn-out examples. Finally, Mr. Pickering has placed the Museum under many obligations by presenting a magnificent specimen of the Twelve-wired Bird of Paradise, one of the finest species of the family.

In the geological and mineralogical department the only addition of importance is an extensive series of specimens illustrating the geology of the Waihi-Tairua subdivision, Cape Colville Peninsula, very kindly presented by the Geological Survey Department, per Mr. Colin Fraser. Owing to want of case room and want of space, it has not been possible to exhibit this collection.

Turning to the Ethnographical portion of the Museum, mention should be made of the figure-head of H.M.s. "Virago," presented by the Admiralty through the kind efforts of Archdeacon Walsh. The large and beautiful collection of Japanese articles deposited nearly two years ago by Mr. H. S. Dadley, and described in last year's report, has proved to be a most popular exhibit, and has attracted great numbers of visitors. Under the head of the Maori collections the thanks of the Institute are due to Mr. G. Graham for a historic greenstone pendant dating back to the times of the Waiohau, the former inhabitants of the Auckland Isthmus, also for a greenstone knife or saw used for cutting up human flesh,

and for several other articles of interest. Mr. Graham has been a regular contributor to the Museum for several years, and the Council have pleasure in drawing attention to his efforts to extend the Maori collections. Interesting contributions have also been received from Mr. Hallyburton Johnstone, Mr. Vaile, Mr. J. Macmillan, Mr. Curtis, Mr. Condron, and others.

The chief addition to the Maori collections, however, and to the Museum generally, consists of a series of ancient historic carvings from the East Cape District, purchased for the Museum only a few weeks ago. Full particulars of the carvings, which are probably unequalled in the Dominion, have already appeared in the daily papers, so that all that need be stated here is that they were portions of a pataka, or storehouse, erected at Te Kaha, near the East Cape, about the year 1780. In 1814 they were secreted in a cave in order to save them from a raid of the Ngapuhi Maoris, led by the well-known chief Morenga. There they remained until 1900, when they were purchased from the Maoris by Mr. Spencer, of Auckland, from whom the Museum has now acquired them. As they were carved long before the introduction of iron tools, and long before the style of Maori carving had become modified through intercourse with Europeans, and as they are remarkably good examples of the best period of Maori workmanship, their value from an ethnographical point of view is very great, and the Council consider that the Museum is to be congratulated on their acquisition.

The price asked for the carvings was £425, a sum altogether beyond the means of the Museum, which possesses no fund that can be drawn upon for the purpose of additions. As the only means of effecting the purchase, it was therefore decided to make a public appeal for assistance to the citizens of Auckland. In doing this, it was decided to ask for a sufficient amount to cover not only the cost of the carvings, but also that of obtaining and preparing a large group of flightless birds, including a restoration of a Moa and a skeleton of one of the larger species, a mounted specimen and the skeleton of an Ostrich, an Emu, and a Cassowary, etc. As the cost of these, together with that of a plate-glass showcase, will certainly reach £250, it was decided to apply for a total sum of £700. The response to the invitation has been most generous, and, although not much more than a month has elapsed since the appeal was made, a sum of £681 has already been subscribed. The Council have much pleasure in tendering their most grateful thanks for the liberal and sympathetic assistance that has been so freely rendered. A full list of the donors will be found in the appendix.

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LIBRARY.—The Mackechnie Library Bequest has yielded its usual income of slightly more than £100, which, in compliance with the conditions of the bequest, has been expended in the purchase of books. Two consignments, numbering nearly 100 volumes, have been obtained from London, and funds are now available for the purchase of another instalment. A sum of £75 from the general funds of the Institute has been applied to the purchase of the serial publications regularly subscribed to, and in binding. Under this last head 92 volumes have been added to the Library during the year. The usual exchanges and presentations have been received from foreign Societies, together with some donations from private individuals.

As the numerous additions made to the Library of late years had absorbed the whole of the shelf room, a new Press, capable of accommodating 800 volumes, has been erected. But it is impossible to disguise the fact that the capacity of the room is now taxed almost to the utmost, and that in a very few years the question of library accommodation will become a serious and pressing matter.

A full list of all additions to the Library will be found in the appendix, and holders of the Library catalogue will shortly be supplied with printed slips giving the titles of the books added since the completion of the catalogue.

ENLARGEMENT OF THE BUILDINGS.—As guardians of the Museum and of the scientific library of the Institute, the Council cannot conclude this Report without calling attention to some of the drawbacks and deficiencies which will impede the future development of the Museum and Library unless additional accommodation can be provided, or, in other words, an enlargement of the buildings obtained. It is perhaps not generally known that in order to provide room for new acquisitions large numbers of specimens are being withdrawn from exhibition and packed away. The collection of New Zealand food-fishes now being formed, which is not only a very beautiful collection, but also one of considerable economic importance, has only been exhibited by packing away hundreds of rocks and minerals, no doubt to the disadvantage of students of geology and mineralogy. In a similar manner, the superb Japanese collection deposited by Mr. Dudley could only be fittingly shown by the temporary withdrawal of other ethnographical specimens, doubtless not possessing the same interest as the Dudley collection, but still well worthy of permanent exhibition. It should also be fully understood that in every department improvements of note cannot be made until more room is available. Room is required for the projected cases intended to show the habits and mode of life of cer-

tain New Zealand birds; room is wanted to accommodate a collection of New Zealand invertebrata, of which at present there is no adequate exhibited series. Room is also needed for the preparation of a collection of New Zealand fossils, and for some representation, through casts and models, of the extinct forms of life. Room is urgently needed for the enlargement of the Polynesian collections, if only from the point of view of affording means of comparison with the handiwork of the Maori race. Lastly, it would not be difficult to show how the appearance and usefulness of the Maori Collection could be greatly enhanced if room were available for its proper extension and display.

Granted the necessity of enlargement, the question of funds at once arises. To this it should be replied that such funds ought to be drawn from the public revenue, the course which has always been followed in the southern portion of the Dominion. The contemplated Dominion Museum, shortly to be erected in Wellington, the first portion of which is to cost between £10,000 and £15,000, is to be built entirely at the cost of the Government. The Christchurch Museum, the greater part of which dates from Provincial Council days, is said to have cost considerably over £20,000, all provided for from the public purse. In Otago, the Dunedin Museum was erected at a first cost of £12,500, also drawn from public funds.

In Auckland the total amount of the contributions made by the Government is considerably below £4,000. Without in any way objecting to the Southern expenditure, the Council maintain that the amount so far expended on the Auckland Museum is entirely disproportionate, and should be rectified as soon as possible. They commend the facts quoted above to the earnest consideration of all those who deal with public affairs in Auckland, and they trust that the just claims of the Museum will receive that attention which they undoubtedly deserve.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

WORKING ACCOUNT.

February 22, 1911, to February 21, 1912.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 22, 1911	144	1	11	Books, Periodicals, Binding, and other Expenditure on Library	176	2	8
Annual Subscriptions	208	19	0	Additions to Museum	53	0	6
Special Subscriptions	12	10	0	Museum Requisites	43	15	7
Interest from Costley Bequest	392	7	6	Salaries	723	15	6
Rents and Interest Transferred from Museum Endowment Account	527	12	3	Printing, Advertising, Insurance, Gas, Stationery, Postages, and Miscellaneous Expenses	136	9	4
Interest Transferred from Mackechnie Library Bequest	105	1	6	Repairs to Buildings, Show Cases and Fittings	26	2	1
Interest from Nathan Bequest	6	0	0	Land Tax	36	4	8
Interest from Life Subscription Account	9	10	4	Miscellaneous Payments	2	3	9
Refunds, Sale of Library Catalogue	10	8	10	Balance in Bank of New Zealand, February 21, 1912	219	13	8
Miscellaneous Receipts	0	16	5				
	£1,417	7	9		£1,417	7	9

T. F. CHEESEMAM, Treasurer.

I have examined and checked the Books and Vouchers, which are all in order. My requirements as Auditor have been complied with. I hereby certify that the above is a true statement of the working expenses to February 21, 1912.

S. GRAY, F.R.A., Auditor.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 22, 1911, to February 21, 1912.

MUSEUM ENDOWMENT ACCOUNT.

	£	s.	d.
Balance in Bank of New Zealand, February 22, 1911	0	3	10
Rents of Endowments	202	3	8
Interest on Investments	333	13	2
	£536	0	8

	£	s.	d.
Transferred to Working Account	527	12	3
Bank Charges	0	10	0
Balance in Bank of New Zealand, February 21, 1912	7	18	5
	£536	0	8

MACKECHNIE LIBRARY BEQUEST ACCOUNT.

	£	s.	d.
Balance in Bank of New Zealand, February 22, 1911	5	5	0
Interest on Investments	105	1	6
	£110	6	6

	£	s.	d.
Transferred to Working Account for Purchase of Books	105	1	6
Bank Charges	0	10	0
Balance in Bank of New Zealand, February 21, 1912	4	15	0
	£110	6	6

SPECIAL SUBSCRIPTION FUND.

Raised for the purpose of Purchasing Ancient Historic Maori Carvings and other Objects for the Auckland Museum.

	£	s.	d.
Donations Received up to February 21, 1912	652	15	0
	£652	15	0

	£	s.	d.
Payments made for Maori Carvings, etc., up to February 21, 1912	425	0	0
Balance in Bank of New Zealand, February 21, 1912	227	15	0
	£652	15	0

T. F. CHEESEMAN, Treasurer.

Examined and found correct.

S. GRAY, F.R.A., Auditor.

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Investments of the Auckland Institute.

I.—COSTLEY BEQUEST—		£	s.	d.	£	s.	d.
On Mortgage at 5½ per cent. . . .	4,000	0	0				
N.Z. Government 4 per cent. Debentures	1,900	0	0				
Auckland Gas Co.'s Debentures	600	0	0				
On Mortgage at 5½ per cent. . . .	1,200	0	0				
					7,700	0	0
Invested in Site of Museum	2,500	0	0				
Expended in Erection of Maori Hall . .	1,500	0	0				
Expended in Show Cases and Fittings	450	0	0				
					4,450	0	0
Total of Costley Bequest.					12,150	0	0
II.—MUSEUM ENDOWMENT—							
On Mortgage at 5 per cent. . . .	1,300	0	0				
On Mortgage at 5 per cent. . . .	1,000	0	0				
On Mortgage at 5 per cent. . . .	650	0	0				
Dunedin Corporation 4½ per cent. Debentures	1,000	0	0				
On Mortgage at 5½ per cent. . . .	420	0	0				
On Mortgage at 6 per cent. . . .	400	0	0				
On Mortgage at 5½ per cent. . . .	100	0	0				
On Mortgage at 5½ per cent. . . .	750	0	0				
On Mortgage at 5½ per cent. (part) . .	385	0	0				
On Mortgage at 6 per cent. . . .	350	0	0				
Waiting Investment	7	4	3				
					6,362	4	3
III.—MACKEHNIE LIBRARY BEQUEST ACCOUNT—							
Harbour Board 4½ per cent. Debentures	1,000	0	0				
On Mortgage at 6 per cent. . . .	500	0	0				
On Mortgage at 6 per cent. . . .	500	0	0				
					2,000	0	0
IV.—NATHAN BEQUEST—							
On Mortgage at 6 per cent. . . .					100	0	0
V.—LIFE SUBSCRIPTION ACCOUNT—							
On Mortgage at 6 per cent. . . .	150	0	0				
On Mortgage at 5½ per cent. (part) . .	65	0	0				
On Deposit in Auckland Savings Bank	2	0	0				
					217	0	0
Total					£20,829	4	3
Proportion Bearing Interest					£16,379	4	3

T. F. CHEESEMAN, Treasurer.

I have examined the Deeds of Securities, etc., and have had the Bank Certificate of Debentures produced, and found all to be in order. My requirements as Auditor have been complied with.

S. GRAY, F.R.A., Auditor.

Form of Bequest.

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of £ free of succession or estate duty, to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

Additions and Donations

TO THE

Library and Museum.

- Parliamentary Papers and Reports; New Zealand Hansard for 1911; New Zealand Official Year Book; Annual Report and other Publications of the Department of Agriculture; Various Statistical Returns:—The New Zealand Government.
- Transactions of the New Zealand Institute, Vol. 43; Proceedings of the Institute for 1910-1911; Index to the Transactions, Vols. 1 to 40:—The New Zealand Institute.
- Journal of the Polynesian Society, parts of Vols. 19 and 20:—The Society.
- Report of the Dominion Laboratory for 1911:—The Laboratory.
- Journal of the Linnean Society of New South Wales, parts of Vol. 36:—The Society.
- Annual Report of the New South Wales' Fishery Board; Report on the Fishes obtained by the Endeavour; Stead's Future of Commercial Marine Fishing in New South Wales; Stead's Need for Uniformity in the Names of Australian Edible Fishes:—The Fisheries Department, New South Wales.
- Journal of the Royal Society of New South Wales, parts of Vol. 44:—The Society.
- Records of the Australian Museum, parts of Vols. 8 and 9:—The Museum.
- Results of Meteorological Observations in New South Wales, 1891-1895; Report on Onchocerca:—The New South Wales Government.
- The Australian Naturalist for 1910-1911:—The Editor.
- Proceedings of the Royal Society of Victoria, Vol. 23, part 2, and 24, part 1:—The Society.
- Bulletins of the Commonwealth Bureau of Meteorology, Nos. 6-8; Monthly Weather Reports, Vol. 1, No. 11:—The Bureau.
- Annals of the Queensland Museum, No. 10:—The Museum.
- United States Consular Reports:—The Secretary of State, United States.
- Jones and Horton's Orange Thrips; Johnson's Vineyard Spraying Experiments; Foster's Life History of the Codlin Moth; Chittenden's The Lesser and the Larger Grain-borers; Chittenden's Grain Weevil and Flour Beetle; Chittenden's Insects affecting Stored Cereals; Kelly's Maize Billbug; Phillip's Timothy Stem-borer; Van Dine's Sugar-cane Insects of Hawaii; Snyder's Damage to Telegraph Poles by Wood-borers; McDonnell's Chemistry of Fumigation with Hydrocyanic-acid Gas; Woglum's Sodium Cyanide for Fumigation; Woglum's Fumigation of Citrus trees; Dean's Sorghum Midge; Webster's Clover-leaf Weevil; Marsh's Beet Webworm; Chittenden's and Smyth's Fig-moth; Hunter

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and Bishop's Fever Tick; Moulton's Californian Peach Borer; Cushman's Peach and Plum Slug; Chittenden's Southern Beet Webworm; Burgess's Life History of Calosoma; Billings and Glenn's Artificial Use of the White-Fungus Disease in Kansas; North American Fauna, Nos. 32, 33, 34; McAtee's Woodpeckers in relation to Trees and Wood Products; Various Reports and Circulars:—The Department of Agriculture, United States.

Publications of the University of California, Botany and Anthropology:—The University.

Fauna Hawaiensis, Vol. 2, part 6; Occasional Papers of the Bishop Museum, Vol. 4, No. 5; Report of the Hawaiian Historical Society for 1910; Memoirs of the Bishop Museum, Vol. 3:—The Bishop Museum, Honolulu.

Annals of the Astronomical Observatory of Harvard College, Vol. 68, part 2:—The Observatory.

Report of the United States National Museum for 1910; Proceedings of the U.S. National Museum, Vols. 37, 38, 39; Contributions to the U.S. National Herbarium, Vol. 13, parts 10 and 11; Fisher's Asteroidea of the North Pacific; Various Bulletins; Publications of the U.S. Bureau of Ethnology:—The Smithsonian Institution.

Jennison's Report on Gypsum Deposits; Walker's Report on Molybdenum Ores; Springer's Trenton Echinoderm Fauna; Malloch's Bighorn Coal Basin; Ries's Clay and Shale Deposits; Summary Report of the Geological Survey; Annual Report of the Division of Mineral Resources:—The Geological Survey of Canada.

Reports of the Geological Survey of Mexico for 1910-1911:—The Survey.

Publications of the Philippine Weather Bureau for 1910-1911:—The Bureau.

The Museums' Journal for 1911:—The Museums Association.

Symons's Monthly Meteorological Journal for 1911:—The Editor.

Kew Bulletin for 1910-1911; Icones Plantarum, Vol. 10, part 3:—The Director, Kew.

Guide to the Collections of the Dublin Museum of Science and Art, various parts:—The Dublin Museum.

Report of the Solar Physics Committee for 1910:—The Committee.

Publications of the Deutsche Seewarte:—The Seewarte.

Annalen der Physik for 1900 to 1904, 12 vols.:—Prof. F. D. Brown.

Peary's Northwards over the Great Ice, 2 Vols.; Nansen's Furthest North, 2 vols.; Filson Young's Christopher Columbus, 2 vols.; Seeley's Dragons of the Air; Oswin Lee's Among British Birds, 4 vols. folio; Guide to the Early Printed Books in the Auckland Public Library:—H. Shaw.

Selgman's Melanesians of New Guinea; Brown's Melanesians and Polyynesians:—G. Graham.

Birds of the Water, Wood, and Waste:—H. Guthrie-Smith.

Baily's Synopsis of the Queensland Flora:—J. Kenderdine.

Buller's Manual of the Birds of New Zealand:—T. W. Leys.

Maiden's Revision of the Genus Eucalyptus:—The Author.

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Bill the Namer:—P. Oliphant.
Photograph of the Maori Guide Sophia:—Dr. A. C. Purchas.
Photograph of the Native Settlement of Parihaka:—C. C. Kettle.
Cockayne's New Zealand Plants and their Story:—The Author.
Benson and Craig's Book of the Army Pageant:—The Authors.
Flinders Petrie and Quibell's Maquada and Ballas, Memoirs of the Peabody Museum, Vols. 1 and 2:—
Blumenbach's Anthropological Treatises:—A. Black.
Raleigh's History of the World, 2 vols.; Morris's Nests and Eggs of British Birds:—J. W. Hall.

BOOKS PURCHASED.

Frazer's Magic Art and the Evolution of Kings, 2 vols.
Tasmanian Journal of Natural Science, 1842-1849, 3 vols.
Wallace's World of Life.
Moore's Descriptive Meteorology.
Calkin's The Protozoa.
Forbes' Development of British Forestry.
Wolff's Peoples' Banks.
Lydekker's Geographical History of Mammals.
Seligman's Economic Interpretation of History.
Plehn's Introduction to Public Finance.
Sir George Darwin's Tides and Kindred Phenomena in the Solar System.
Desch's Chemistry and Testing of Cement.
Willey's Convergence in Evolution.
Fowler's Introduction to Bacteriological and Enzyme Chemistry.
Baldwin's The Individual and Society.
Tutton's Crystals.
Macnamara's Evolution and Function of Living Purposive Matter.
Osborn's Age of Mammals in Europe, Asia, and N. America.
Seward's Fossil Plants for Students of Botany and Geology.
Wilson's The Cell in Development and Inheritance.
Smart's Economic Annals of the Nineteenth Century.
Bergson's Creative Evolution.
Wootton's Chronicles of Pharmacy, 2 vols.
History of the Cavendish Laboratory.
Ross' Prevention of Malaria.
Sir H. Johnston's Negro in the New World.
Encyclopædia Britannica, 11th Edition, 29 vols.
See's Researches on the Evolution of the Stellar Systems, Vol. 2.
Drude's Manuel de Geographie Botanique.
British Museum Handbook to the Ethnographical Collections.
Massee's Diseases of Cultivated Plants and Trees.

Bryan's Stability in Aviation.
Engler's Pflanzenreich, parts 39 to 51.
Report of the British Association for 1908, 1909, 1910.
Carey's Narrative of the War in New Zealand.

Human Skull found at depth of 8ft. in a Peat Bog, Hauraki Plains:—F. C. Rollett.

Human Skull from the Waitomo Caves:—W. Johnstone.

Skin of Ostrich:—Helvetia Ostrich Co., per Mr. Schlapfer.

Thirteen bird-skins from the Sandwich Islands:—G. C. Munro.

Skin of Hawk (*Circus Gouldi*):—C. T. Wright.

Pair of Spoonbill Ducks (*Spatula variegata*); Pair of Blue-wattled Crows (*Glaucopsis Wilsoni*); Nest and Eggs of *Circus Gouldi*; Slate Rail (*Porzana plumbea*):—Hallyburton Johnstone.

Gould's Petrel (*Oestrelata Gouldi*):—J. Dean.

103 Bird-skins from the Kermadec Islands:—Purchased from Mr. Roy Bell.

Great Frigate Bird (*Fregata aquila*), shot on Lake Kimihia:—G. Clinch.

Pied Blackbird (partial albino):—W. Williams.

Albino Godwit (*Limosa novae zealandiae*), shot at Tairua:—H. McGregor.

Albino Blue-wattled Crow (*Glaucopsis Wilsoni*):—T. O. Woolley.

Australian Parrot from Coolgardie:—Mrs. M. Thompson.

Sparrow with deformed beak:—J. W. Dalston.

Blue Heron (*Demigretta sacra*):—Dr. Bucknill.

Twelve-wired Bird of Paradise (*Seleucides niger*):—Mr. Pickering.

Albino Wood Pigeon (*Hemiphysa novae zealandiae*):—J. E. Brown.

Ten Bird-skins from the Chatham Islands:—Purchased from Mr. S. Dannefaerd.

Large Eel (*Anquilla Aucklandica*), from Lake Takapuna:—P. Moren.

Five species of Lizards from Mokohinau Islands:—J. Duthie.

Eggs of Tuatara Lizard (*Sphenodon punctatum*):—Colin Norris.

Hippocampus abdominalis:—R. G. Bear.

Nautilinus elegans:—W. Harsant.

Cristiceps australis:—J. F. Reid.

Gonorrhynchus Greyi:—W. A. King.

Large King-fish (*Seriola Lalandii*):—E. LeRoy.

Blue Shark (*Carcharias rachyurus*):—W. Howard.

Aplysia sp.; *Macrothele Huttoni*:—F. F. Wagener.

Placunanomia zealandica:—Miss M. Lange.

Otoconcha dimidiata:—H. W. Lloyd.

New Zealand Shells from Tauranga:—R. Condron.

Large Collection of Shells from the Kermadec Islands:—Purchased from Mr. Roy Bell.

Hair-worm (*Gordius* sp.):—F. Fuller.

Hepialus virescens:—Miss Carter.

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- Large Crab from Cheltenham Beach:—T. Morris.
 Three cases foreign insects:—L. M. Alexander.
 Millepedes from Te Aroha:—A. E. Brookes.
 Echinoderms from Great Barrier Island:—F. Flynn.
 Large series of Rock Specimens illustrating the geology of the Waihi-Tairua subdivision, Cape Colville Peninsula:—The Geological Survey, per Mr. Colin Fraser.
 Heavy Spar from Pahi, Kaipara:—F. B. Blackwell.
 Volcanic Bombs:— —. Flack.
 Stream Tin and various Topazes from Queensland:—A. J. Hewett.
 Kauri-gum covered with barnacles:—Capt. Tate.
 Maori stone-carving found near Mount Albert:—G. R. Addey.
 Small pistol found in Whangaroa Harbour near the wreck of the "Boyd":—S. M. Clark.
 Fern-pounder found at Wairoa, Hawke's Bay:—E. F. Taylor.
 Maori Grindstone found at Great Omaha:—H. Whitaker.
 Worked Obsidian from Onewhero:—W. L. Cartmill.
 Curious saw-like implement carved from black steatite:—Owen Hawes.
 Carved Bone Flute found at Hokianga:—Percy Ward.
 Wooden Fern-pounder found at Raglan:—L. M. Alexander.
 Spoon made from Human Skull:—Hallyburton Johnstone.
 Onewa Mere found near the base of Mount Egmont; 5 Stone Flax-beaters:—R. Ullett.
 Historic Greenstone Chisel dating back to the times of the Waiohū; carved model of an ancient flesh bowl (oko); Greenstone Saw (Kani or Kati) found near Kauri Point; Bone Fish-hook; Iron Hook formerly belonging to Taniwha (Hook-nose); two remarkably fine Stone Axes; Model of Cannibal Fork; Two Flax Pounders; several ordinary Stone Axes; Old Paddle; Bundle of dog's hair prepared for use on carvings, etc.:—G. Graham.
 Unusually large and fine Stone Axe:—H. E. Vaile.
 Fern-pounder and Stone Axe found in a Peat Bog on the Hauraki Plains:—F. C. Rollett.
 Plaster cast of two large rock carvings in the Skinner Collection, Taranaki:—Dominion Museum, Wellington.
 Stone axes and portions of pottery from Central America:—Mrs. Price.
 Various Coins:—Prof. Talbot Tubbs.
 Collection of Russian Coins:—H. E. Vaile.
 Stone Chisel and Bark Basket from Easter Island; Stone Axe and Stone Pounder from Pitcairn Island:—Capt. Gaunt, H.M.s. Challenger.
 Figure-head of H.M.s. Virago:—Presented by the Admiralty, per Archdeacon Walsh.
 Bundle of African Assegais; Weaving Loom from Santa Cruz; various Pacific Islands specimens:—G. Graham.
 Small table made from the wood of the "Royal George" and the first London Bridge; Old Cup and Saucer:—Mrs. Bradley.
 Fijian Cloth obtained in 1853:—F. M. Burtt.
 Piece of copper sheathing left by the French ship "Duquesne" on the Kaipara Shoal, Auckland Harbour:—C. C. Kettle.
 Herbarium of Swiss Plants:—Mrs. Kinder.

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Subscriptions Received for the Purchase of Ancient Historic Maori Carvings and other Additions to the Auckland Museum.

	£	s.	d.
Abbott, R. H.	5	0	0
Allen, J.	1	0	0
Anderson and Colbeck	2	2	0
"Anonymous"	1	1	0
"Anonymous"	0	10	0
Auckland Electric Tram Co.	5	5	0
Auckland Racing Club	10	0	0
Ball, W. T.	2	2	0
Brett Printing and Publishing Co.	20	0	0
Briscoe & Co.	10	0	0
Brookfield & Schnauer	2	2	0
Brown, Barrett & Co.	5	5	0
Brown, E. A.	1	0	0
Brown & Stewart	3	3	0
Brown, Prof. F. D.	2	2	0
Bruce, W. W.	5	5	0
Buckland, A. & Sons	1	1	0
Buddle, Button & Co.	3	3	0
Burns, J. & Co.	10	0	0
Burt, A. T. & Co.	2	2	0
Buttle, G. A.	2	2	0
Buttle, J.	2	2	0
Cameron, R.	2	2	0
Carr, R. C.	1	1	0
Clark, A. & Sons	15	15	0
Colonial Sugar Co.	5	5	0
Collins Bros.	2	2	0
Cotter, T.	5	0	0
Court, J., Ltd.	5	5	0
Craig, J. J.	25	0	0
Cranwell, R.	1	0	0
Dadley & Son	1	1	0
Darby, T.	1	0	0
Devore, A.	2	2	0
Dingwall, D. M.	5	0	0
D.S.C. & Cousins, Ltd.	2	2	0
Eady, A. & Co.	2	2	0
Earl & Kent	3	3	0
Edson, J.	5	0	0
Egerton, Prof. C. W.	1	1	0
Elliott, W. & G.	3	3	0
Endean, W. J.	1	1	0
Entrican, A. J. & Co.	5	5	0
Ewington & Baker	1	1	0
Fowlds, Hon. G.	10	0	0
Frater, W. & Son	2	2	0

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	£	s.	d.
Friedlander, H.	5	5	0
"Friend"	0	10	0
"G.A."	0	10	6
George, Mrs. S. T.	2	2	0
Gilfillan, H.	1	1	0
Goldie, D.	5	0	0
Graham, G.	0	10	0
Great Northern Brewery	3	3	0
Gunson, J. H. & Co.	5	5	0
Hall, J. W.	2	2	0
Hall, J. W. (Thames)	1	1	0
Hancock & Co.	25	0	0
Hayman & Co.	5	0	0
Hardie Bros.	2	2	0
Harrop & Medley	2	2	0
Harrington's N.Z., Ltd.	1	1	0
Heather, Robertson & Co.	5	0	0
Hellaby, R. & W., Ltd.	5	5	0
Hesketh & Richmond	3	3	0
Hill & Plummer	1	1	0
Houghton, C. V.	2	2	0
Hutchinson Bros.	2	2	0
"J.B."	5	5	0
Jackson & Russell	3	3	0
Jackson, T. Mandeno	5	5	0
Johnston, G. M.	1	1	0
Kempthorne, Prosser & Co.	5	5	0
Kenderdine, J.	2	2	0
Kronfeld, G.	2	2	0
Laidlaw Leeds & Co.	5	5	0
Langguth, E.	2	2	0
Larner, V. J.	5	5	0
Leighton & Sons	1	1	0
Leyland & O'Brien	5	5	0
Lichtenstein & Arnoldson	2	2	0
Louisson, Wm.	3	3	0
"Lover of Auckland"	25	0	0
Macfarlane, J. B.	2	2	0
Macmillan, C. C.	5	5	0
Masefield & Co.	2	2	0
McDowell, Dr.	2	2	0
McGarry, W. H.	2	2	0
Mennie, J. M.	3	3	0
Miller, T.	2	2	0
Milne & Choyce	5	5	0
Monk, R.	1	0	0
Morton, H. B.	2	0	0
Morton, H. B. & Co.	2	2	0
Myers, A. M.	25	0	0
Nathan, A. H. & Co.	3	3	0
Nathan, L. D. & Co.	25	0	0
Neumegen & Mowlem	1	1	0
Northern Roller Milling Co.	3	3	0
Norton, H. P.	5	5	0
Paterson, A. S. & Co.	5	5	0

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	£	s.	d.
Parr, C. J.	5	0	0
Peacock, T.	15	15	0
Petrie, B.	5	0	0
Pond, J. A.	2	2	0
Porter & Co.	5	0	0
Pountney, W. A.	2	2	0
Price, E. A.	1	1	0
Rawnsley, S.	1	1	0
Reade, A. W. & Co.	2	2	0
Reid, John	5	0	0
Rendell's, Ltd.	2	2	0
Rhodes, C.	5	5	0
Robertson, Dr.	1	1	0
Robertson Bros.	5	5	0
Sanford & Co.	1	1	0
Sargood & Sons	10	10	0
Sayers, G.	1	1	0
Schollum, W.	1	1	0
Seegner, C.	1	1	0
Self, J. R.	2	2	0
Sharland & Co.	5	5	0
Shaw, F.	2	2	0
Sheahan, M. J.	0	10	0
Smeeton, H. M. & Co.	3	3	0
Smith & Caughey	25	0	0
Stewart, J.	2	2	0
Tanfield, Potter & Co.	2	2	0
Thomas, Prof. A. P. W.	2	2	0
Tonson Garlick Co., Ltd.	3	3	0
Tuari, H. W.	2	2	0
Tylden & Spiers	2	2	0
Upton, J. H.	25	0	0
Vaile, H. E.	20	0	0
Vaile, S. & Sons	10	10	0
Walsh, Archdeacon	1	1	0
Watson, A. R.	5	0	0
Wells, T. U.	2	2	0
Wilson & Horton	25	0	0
Wingate & Co.	2	2	0
Winstone & Co., Ltd.	2	2	0
Wiseman, J.	2	2	0
Woollams, W. H.	2	2	0
Yates, A. & Co.	5	0	0
Total	£681	2	0

LIST OF MEMBERS

For the Year ending March 31st, 1912.

(With Postal Addresses.)

(Members are requested to advise the Secretary of any change of address.)

[Honorary and Life Members distinguished thus *.]

- | | |
|---|---|
| Aickin, G., Queen Street, Auckland | Buddle, T., Wyndham Street, Auckland |
| Aldis, M., Care of Neumegen and Mowlem, Shortland Street, Auckland | Burgess, E. W., Harbour Board Offices, Auckland |
| Alexander, L. W., P.O. Box 816, Auckland | Burns, R., Customs Street East, Auckland |
| Arey, W. E., Shortland Street, Auckland | Burnside, W., Education Offices, Auckland |
| Arnold, C., Swanson Street, Auckland | *Burton, Colonel, The Grove, Branksome Park, Bournemouth, England |
| Bagnall, L. J., O'Rorke Street, Auckland | Bush, W. E., C.E., Municipal Buildings, Auckland |
| Ball, W. T., Mt. Eden, Auckland | Buttle, J., New Zealand Insurance Co., Queen Street, Auckland |
| Bankart, A. T., care of Campbell-Ehrenfried Co., Queen Street, Auckland | Cameron, R., Savings Bank, Queen Street, Auckland |
| Bartley, E., Royal Insurance Buildings, Queen Street, Auckland | *Campbell, Sir J. L., Shortland Street, Auckland |
| Bassett, T., Onehunga | Cheal, P. E., Upper Queen Street, Auckland |
| *Bates, T. L., Station Street, Warratah, Newcastle, N.S. Wales | Cheeseman, T. F., Museum, Princes Street, Auckland |
| Batger, J., Mt. Eden Road, Auckland | Choyce, H. C., Remuera Road, Remuera |
| Benjamin, E. D., L. D. Nathan & Co., Shortland Street, Auckland | Clark, A., M.B., Ellerslie |
| Bloomfield, W. R., Owen's Road, Mt. Eden | Clark, A., Wellesley Street, Auckland |
| Brett, H., Shortland Street, Auckland | Clark, A. W., care P. Hansen & Co., Queen Street, Auckland |
| Briffault, R., M.B., Mt. Eden Road, Auckland | Clark, H. C., Wellesley Street, Auckland |
| Broun, Major T., Mount Albert, Auckland | Clark, M. A., Wellesley Street, Auckland |
| Brown, Prof. F. D., University College, Auckland | Clarke, E. de C., University College, Auckland |
| *Buchanan, A., Victoria Avenue, Remuera | Clarke, W. St. John, Electric Tram Co., Auckland |
| Buddle, J. H., care of Brown & Stewart, Swanson Street, Auckland | Coates, T., Orakei |

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Cochrane, W. S., Shortland Street, Auckland

Coe, James, Mount Eden Road, Auckland

Cole, W., Mount Eden Road, Auckland

Coleman, W., Queen Street, Auckland

Combes, F. H., Victoria Avenue, Remuera

Cooper, C., Bourne Street, Mt. Eden

Cooper, Mr. Justice, Judge's Chambers, Wellington

Cottrell, A. J., Training College, Wellesley Street, Auckland

Cousins, H. C., Normal School, Wellesley Street, Auckland

Court, G., Karangahape Road, Auckland

Court, J., Ponsonby, Auckland

Craig, J. J., Queen Street, Auckland

Cranwell, R., Crescent Road, Parnell

Croshey, Rt. Rev. Lloyd, Bishop of Auckland, Bishopscourt, Parnell.

Cuff, J. C., F.S.A., Emerald Hill, Epsom

Daw, A. G., Victoria Arcade, Queen Street, Auckland

Dearsly, H., Box 488, G.P.O., Auckland

De Clive Lowe, G. T. H., L.R.C.P., 27, Symonds Street, Auckland

Dettmann, Prof. H. S., University College, Auckland

Devereux, H. B., Waihi

Devore, A. E. T., Wyndham Street, Auckland

Dickenson, J. C., Public School, Ponsonby

Douglas, W. S., "Herald" Office, Queen Street, Auckland

Downard, F. N. R., Pahi, Kaipara

Duthie, D. W., National Bank of N.Z., Queen Street, Auckland

Dunnet, G., Rocklands, Epsom

Earl, F., Swanson Street, Auckland

Edson, J., Queen Street, Auckland

Egerton, Prof. C. W., University College, Auckland

Elliott, G., Bank of New Zealand Buildings, Queen Street, Auckland

Ellis, J. W., Hamilton, Waikato

Ellison, T., Papatoitoti

Ewington, F. G., Durham Street, Auckland

Fairelough, W. A., Watson's Buildings, Queen Street, Auckland

Favell, Rev. H. A., Picton Street, Auckland

Fenwick, G., Cargen, Eden Crescent, Auckland

Finch, F., Harbour Board Offices, Auckland

Finlayson, T., Sargood & Sons, Victoria Street, Auckland

Florance, R. S., Blenheim

*Fowlds, Hon. G., Queen Street, Auckland

Garrard, G. W., Education Offices, Auckland

George, G., Technical College, Wellesley Street, Auckland

Gerard, G., Customs Street East, Auckland

Gilbert, T., Manukau Road, Parnell

Girdler, Dr., Khyber Pass Road, Auckland

Goldie, D., Breakwater Road, Auckland

Gordon, H. A., Ranfurly Road, Epsom

Gorrie, H. T., A. Buckland & Sons, Albert Street, Auckland

Graham, G., Tudor Street, Devonport

Grant, Miss J., Devonport

Gray, S., Mt. Eden Borough Offices, Mt. Eden

Guinness, Dr. W., Devonport

Gunson, J. H., Customs Street East, Auckland

Gunson, R. W., Customs Street East, Auckland

Haines, H., F.R.C.S., Shortland Street, Auckland

Hall, E., Agricultural Association, Auckland

Hall, J. W., Victoria Avenue, Remuera

Hall, R., Remuera

Hamer, W. H., C.E., Harbour Board Offices, Auckland

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Hansen, P. M., Queen Street, Auckland
 Harding, A. B., Te Papapa, Onehunga
 Hay, D. A., Montpellier Nurseries, Remuera
 Hazard, W. H., Queen Street, Auckland
 Heaton, F., Grammar School, Auckland
 Heath, H. W., Alfred Street, Auckland
 Herbert, T., Shortland Street, Auckland
 Hesketh, H. R., Wyndham Street, Auckland
 Hodgson, J., Victoria Street East, Auckland
 Holderness, D., Harbour Board Offices, Auckland
 Horton, H., "Herald" Office, Queen Street, Auckland
 Houghton, C. V., Quay Street, Auckland

 Inglis, Dr. R. T., Maroondah, Ponsonby Road, Auckland

 Jarman, Prof. A., Waihi
 Johnson, H. Dunbar, Maungahenga, Te Aroha
 Johnstone, Hallyburton, Howick
 Jones, H. W., Public School, Papakura
 Kenderdine, J., Sale Street, Auckland
 Kronfeld, G., Customs Street, Auckland

 Lamb, S. E., University College, Auckland
 Langguth, E., Customs Street West, Auckland
 Lennox, J. M., Remuera
 *Lennox, N. G., care of Auckland Institute, Auckland
 Leys, T. W., "Star" Office, Shortland Street, Auckland
 Lindsay, Dr. P. A., O'Rorke Street, Auckland
 Lunn, A. G., Collins Bros., Wyndham Street, Auckland

 Macfarlane, T., C.E., Municipal Offices, Auckland

Maclean, M., Otira, Canterbury
 McDowell, Dr. W. C., Remuera
 McGowan, Hon. J., Thames
 *McMillan, C. C., care of Auckland Institute, Auckland
 Mahoney, T., Swanson Street, Auckland
 Mair, Capt. G., Rotorua
 Mair, S. A. R., Hunterville, Wellington
 Mair, Major W. G., Rotorua
 Major, C. T., King's College, Remuera
 Makgill, Dr. R. H., Public Health Office, Auckland
 Martin, J., Victoria Arcade, Auckland
 Marchesini, Dr. G., Princes Street, Auckland
 Metcalfe, H. H., Palmerston Buildings, Auckland
 Miller, E. V., Chelsea, Auckland
 Milnes, H. A. E., Training College, Wellesley Street, Auckland
 Milroy, S., Kauri Timber Co., Auckland
 Milsom, Dr., Cargen, Eden Crescent, Auckland
 Mitchelson, Hon. E., Remuera
 Moore, J. E., Esplanade Road, Mt. Eden
 Morgan, A. H. V., School of Mines, Waihi
 Morgan, H. H., University College, Auckland
 Morgan, R. J., Shoal Bay Road, Devonport
 Morton, H. B., One Tree Hill, Epsom
 Moss, E. G. B., Swanson Street, Auckland
 Mulgan, E. K., Education Offices, Auckland
 Myers, A. M., M.P., Campbell-Ehrenfried Co., Auckland
 Myers, Leo, Campbell-Ehrenfried Co., Auckland

 Napier, W. J., Victoria Arcade, Auckland
 *Nathan, N. A., L. D. Nathan & Co., Shortland Street, Auckland
 Nathan, S. J., 9, Symonds Street, Auckland
 Newton, G. M., 102, Victoria Arcade.

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Nicholson, O., Royal Insurance Buildings, Queen Street, Auckland

Oliphant, P., 24, Symonds Street, Auckland

Pabst, Dr., Parnell

Partridge, H. E., Queen Street, Auckland

Patterson, G. W. S., Gore Street, Auckland

Peacock, T., Queen Street, Auckland

Petrie, D., Rosmead, Epsom

Philson, W. W., Colonial Sugar Co., Auckland

Player, Dr. C. E., Birkenhead, Auckland

Pond, J. A., Queen Street, Auckland

Powell, F. E., Harbour Board Offices, Auckland

Price, E. A., Buchanan & Co., Albert Street, Auckland

Pycroft, A. T., Railway Offices, Auckland

Rangihiroa, Dr., M.P., Auckland

Reid, J., care 45, Fort Street, Auckland

Renshaw, F., Sharland & Co., Lorne Street, Auckland

Rhodes, C., Waihi Gold Mining Co., Shortland Street, Auckland

Robertson, A. B., Customs Street West, Auckland

Robertson, Dr. E., Symonds Street, Auckland

Roche, H., Horahora, near Cambridge, Waikato

Rolfe, W., Sharland & Co., Lorne Street, Auckland

Rossiter, Dr. E. B., Mount Albert

Satchell, W., Church Street, Northcote

Savage, Dr. T. C., Princes Street, Auckland

Scott, Rev. D. D., The Manse, Onehunga

Seegner, C., Bank of N.Z. Buildings, Queen Street, Auckland

Segar, Prof. H. W., University College, Auckland

Shakespear, Mrs. R. H., Whangaparaoa

Shaw, H., Vermont Street, Ponsonby
Simson, T., Mt. St. John Avenue, Epsom

Sinclair, A., Symonds Street, Auckland

Smeeton, H. M., Binswood, View Road, Mt. Eden

Smith, H. G. Seth, Victoria Avenue, Remuera

*Smith, S. Percy, F.R.G.S., New Plymouth

Smith, W. H., Smith & Caughey, Queen Street, Auckland

Somerville, J. M., Chelsea, Auckland

Spencer, W. C. C., Grafton Road, Auckland

Stewart, J., C.E., Tuarangi, Owen's Road, Epsom

Stewart, J. W., Wyndham Street, Auckland

Stewart, R. Leslie, Brown & Stewart, Swanson Street, Auckland

Stewart, W. F., Auckland Gas Co., Wyndham Street, Auckland

Streeter, S. C., Mount Eden

Thomas, Prof A. P. W., Mountain Road, Epsom

Tibbs, J. W., Grammar School, Auckland

*Tinne, H., Union Club, Trafalgar Square, London

Trotter, Rev. W., Manukau Road, Epsom

Upton, J. H., Queen Street, Auckland

Urquhart, A. T., Karaka, Drury

Vaile, E. E., Broadlands, Waiotapu

Vaile, H. E., Queen Street, Auckland

Walker, Rev. F. W., Ellerslie

Walker, S., Devonport

Walklate, J. J., Electric Tram Co., Auckland

Wallace, T. F., Waihi G.M. Co., Shortland Street, Auckland

Walsh, Archdeacon P., Cambridge

Ward, Percy, Mt. Roskill Road, Auckland

Ware, W., Portland Road, Remuera

Waterworth, A., N.Z. Photo Goods Co., Shortland Street, Auckland

Webbe, W. H., Berlin Piano Co., Queen Street, Auckland

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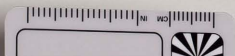
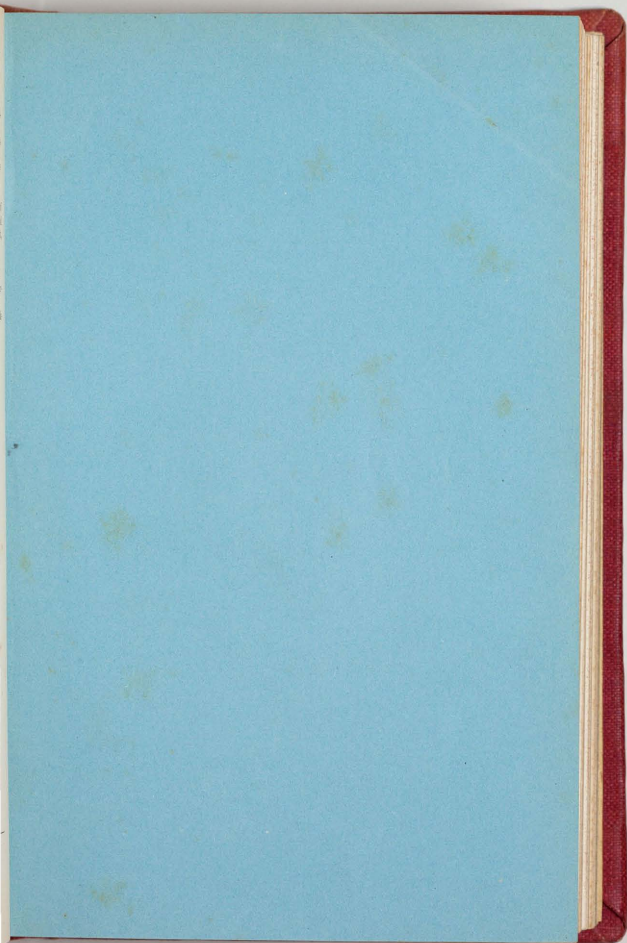
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Webster, J., Cheltenham Avenue,
Devonport
Webster, W. H., care of Auckland
Institute, Auckland
*Weetman, Sydney, Westbourne Road,
Remuera
Wells, T. U., Westbourne Road,
Remuera
Whitley, W. S., Albert Street, Auck-
land
Williams, Rt. Rev. W. L., Napier
Wilson, Albert, St. Stephen's School,
Parnell
Wilson, A. P., Victoria Arcade,
Auckland
Wilson, J., Shortland Street, Auck-
land

Wilson, R. M., Russell Road,
Remuera
Wilson, W. R., "Herald" Offices,
Queen Street, Auckland
Wiseman, J. W., Albert Street, Auck-
land
*Withy, E., Rotorua
Woodward, W. E., Union Bank of
Australia, Queen Street, Auckland
Wyllie, A., Electrical Department,
Drake Street, Auckland
Yates, E., Queen Street, Auckland
Young, J. L., Henderson & Macfar-
lane, Customs Street, Auckland
Young, Captain C. A., G.P.O., Auck-
land



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